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| <b>FORM PTO-1449/A and B (Modified)</b><br><br><b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b> |   |    |   | APPLICATION NO.: 10/756,802  |  | ATTY. DOCKET NO.: M1015.70070US01 |  |
|   |   |    |   | FILING DATE: 01/13/2004      |  | CONFIRMATION NO.: 1525            |  |
|   |   |    |   | APPLICANT: Cynthia C. Bamdad |  |                                   |  |
|   |   |    |   | GROUP ART UNIT: 1634         |  | EXAMINER: FORMAN, BETTY J         |  |
| Sheet   | 1 | of | 4 |                              |  |                                   |  |

## U.S. PATENT DOCUMENTS

| Examiner's<br>Initials | Cite<br>No. | U.S. Patent Document |              | Name of Patentee or Applicant of Cited<br>Document | Date of Publication or of issue<br>of Cited Document<br>MM-DD-YYYY |
|------------------------|-------------|----------------------|--------------|--|--|
|                        |             | Number               | Kind<br>Code |  |  |
| BF                     | 1           | 4,945,045            | A            | Forrest et al.                                     | 07-31-1990   |
|                        | 2           | 5,177,012            | A            | Kim et al.   | 01-05-1993   |
|                        | 3           | 5,294,369            | A            | Shigekawa et al.                                   | 03-15-1994   |
|                        | 4           | 5,384,073            | A            | Shigekawa et al.                                   | 01-24-1995   |
|                        | 5           | 5,922,617            | A            | Wang et al.  | 07-13-1999   |
|                        | 6           | 6,087,103            | A            | Burmer   | 07-11-2000   |
|                        | 7           | 6,361,944            | B1           | Mirkin et al.                                      | 03-26-2002   |
|                        | 8           | 6,417,340            | B1           | Mirkin et al.                                      | 07-09-2002   |
|                        | 9           | 6,495,324            | B1           | Mirkin et al.                                      | 12-17-2002   |
|                        | 10          | 2002/0042074         | A1           | Bamdad et al.                                      | 04-11-2002   |
|                        | 11          | 2002/0086443         | A1           | Bamdad   | 07-04-2002   |
|                        | 12          | 2002/0098526         | A1           | Bamdad   | 07-25-2002   |
|                        | 13          | 2002/0155462         | A1           | Mirkin et al.                                      | 10-24-2002   |
|                        | 14          | 2002/0156112         | A1           | Bamdad et al.                                      | 10-24-2002   |
|                        | 15          | 2002/0164611         | A1           | Bamdad et al.                                      | 11-07-2002   |
|                        | 16          | US2002/0172953       | A1           | Mirkin et al.                                      | 11-21-2002   |
|                        | 17          | US2002/0192687       | A1           | Mirkin et al.                                      | 12-19-2002   |

## FOREIGN PATENT DOCUMENTS

| Examiner's<br>Initials | Cite<br>No. | Foreign Patent Document |           |              | Name of Patentee or Applicant of Cited<br>Document<br>(not necessary) | Date of<br>Publication of<br>Cited Document<br>MM-DD-YYYY | Translation<br>(Y/N) |
|------------------------|-------------|-------------------------|-----------|--------------|---|---|----------------------|
|                        |             | Office/<br>Country      | Number    | Kind<br>Code |   |   |                      |
|                        | 18          | DE                      | 38 06 558 | A            | <del>Hitachi Ltd.</del>   | 09-15-1988  | N                    |
| BF                     | 19          | EP                      | 0 489 465 | B1           | Azko Nobel N.V.   | 09-04-1996  |                      |
|                        | 20          | EP                      | 0 579 343 | A            | <del>Eppendorf Netheler Hinz Gmbh G</del>                             | 01-19-1994  | N                    |
| BF                     | 21          | WO                      | 96/12014  | A            | Lynx Therapeutics, Inc.   | 04-25-1996  |                      |
|                        | 22          | WO                      | 98/04740  | A            | Northwestern University   | 02-05-1998  |                      |
|                        | 23          | WO                      | 98/20162  | A2           | Clinical Micro Sensors  | 05-14-1998  |                      |
|                        | 24          | WO                      | 98/22624  | A            | University of Pennsylvania  | 05-28-1998  |                      |
|                        | 25          | WO                      | 00/11446  | A            | University of Virginia  | 03-02-2000  |                      |
|                        | 26          | WO                      | 01/92277  | A1           | Minerva Biotechnologies Corporation                                   | 12-06-2001  |                      |

## OTHER ART - NON PATENT LITERATURE DOCUMENTS

| Examiner's<br>Initials | Cite<br>No | Include name of the author (in CAPITAL LETTERS) title of the article (when appropriate), title of the item<br>(book, magazine, journal, serial, symposium, catalog, etc.), date, relevant page(s), volume-issue number(s),<br>publisher, city and/or country where published. | Translation<br>(Y/N) |
|------------------------|------------|---|----------------------|
| BF                     | 27         | BAMDAD, CYNTHIA, "The Use of Variable Density Self-Assembled Monolayers to Probe the Structure of a<br>Target Molecule," BIOPHYSICAL JOURNAL, October 1998, vol. 75, pp. 1989-1996  |                      |
| BF                     | 28         | BAMDAD, CYNTHIA CAROL, "Novel Surfaces for the Detection and Study of Intermolecular Interactions,"<br>A thesis presented by Cynthia Carol Bamdad to The Committee for Higher Degrees in Biophysics in partial  |                      |

Serial No.: 10/756,802  
Conf. No.: 1525

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Art Unit: 1634

|    |    |   |  |  |
|----|----|---|--|--|
|    |    | fulfillment of the requirements for the degree of Doctor of Philosophy in the subject of Biophysics, Harvard University, Cambridge, Massachusetts. May 1997. pp. 1-111. UMI Dissertation Services, Ann Arbor, MI.                                     |  |  |
| BF | 29 | NEEDELS ET AL., "Generation and screening of an oligonucleotide-encoded synthetic peptide library", Proceedings of the National Academy of Sciences of USA, November 1, 1993, pp. 10700-10704, vol. 90, National Academy of Science, Washington, D.C. |  |  |
| BF | 30 | HAN ET AL., "In vivo canine studies of a sinkhole valve and vascular graft coated with biocompatible PU-PEO-SO3", ASAIO Journal, July 1, 1993, pp. M437-M541, vol. 39, no. 3, Hagerstown, MD  |  |  |
| BF | 31 | SIGAL ET AL., "Self-assembled monolayer for the binding and study of histidine-tagged proteins by surface plasmon resonance", Analytical Chemistry, 1996, pp. 490-497, vol. 68, no. 03, Columbus.   |  |  |

|          |                |                 |            |
|----------|----------------|-----------------|------------|
| EXAMINER | /Betty Forman/ | DATE CONSIDERED | 01/17/2007 |
|----------|----------------|-----------------|------------|

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PTO/SB/08A (08-03)

Approved for use through 07/31/2008. OMB 0651-0031

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|--|---|--------------------------|--------------------|
| Substitute for form 1449/PTO<br><br><b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><i>(Use as many sheets as necessary)</i> |   | <b>Complete if Known</b> |                    |
|  |   | Application Number       | 10/756,802         |
|  |   | Filing Date              | 01/13/2004         |
|  |   | First Named Inventor     | BAMDAD, Cynthia C. |
|  |   | Art Unit                 | 1634               |
|  |   | Examiner Name            | Forman, Betty J    |
|  |   | Attorney Docket Number   | M1015.70070US01    |
| Sheet  | 1 | of                       | 1                  |

| U. S. PATENT DOCUMENTS     |                       |  |                                |  |   |
|----------------------------|-----------------------|--|--------------------------------|--|---|
| Examiner Initials*         | Cite No. <sup>1</sup> | Document Number                          | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|                            |                       | Number-Kind Code <sup>2</sup> (if known) |                                |  |   |
| ↓<br>↓<br>↓<br>↓<br>↓<br>↓ | A1                    | US- 5,922,545 A                          | 07-13-1999                     | MATTHEAKIS et al.                                  | whole document  |
|                            | A2                    | US- 6,110,687 A                          | 08-29-2000                     | NILSEN   | whole document  |
|                            | A3                    | US- 6,207,446 B1                         | 03-27-2001                     | SZOSTAK et al.                                     | whole document  |
|                            | A4                    | US- 6,309,842 B1                         | 10-30-2001                     | DOWER et al.                                       | whole document  |
|                            | A5                    | US- 6,348,315 B1                         | 02-19-2002                     | PLUCKTHUN et al.                                   | whole document  |
|                            | A6                    | US- 6,537,749 B2                         | 05-25-2003                     | KUIMELIS et al.                                    | whole document  |
|                            |                       | US-                                      |                                |  |   |
|                            |                       | US-                                      |                                |  |   |
|                            |                       | US-                                      |                                |  |   |
|                            |                       | US-                                      |                                |  |   |
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| FOREIGN PATENT DOCUMENTS |                          |   |                                   |  |   |                |
|--------------------------|--------------------------|---|-----------------------------------|--|---|----------------|
| Examiner<br>Initials*    | Cite<br>No. <sup>1</sup> | Foreign Patent Document   | Publication<br>Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>Or Relevant Figures Appear | T <sup>o</sup> |
|                          |                          | Country Code <sup>3</sup> *Number <sup>4</sup> *Kind Code <sup>5</sup> (if known) |                                   |  |   |                |
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| Examiner Signature | /Betty Forman/ | Date Considered | 01/17/2007 |
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